

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2004/007334

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> H04N7/173, H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> H04N7/14-7/173, H04L12/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004  
Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	JP 2004-120089 A (Canon Inc.), 15 April, 2004 (15.04.04), All pages (Family: none)	1-19
Y	JP 02-294183 A (Nippon Telegraph And Telephone Corp.), 05 December, 1990 (05.12.90), Page 2, upper right column, line 11 to lower left column, line 13; page 3, lower left column, line 17 to page 4, lower left column, line 6	1-19
Y	JP 08-292965 A (Hitachi, Ltd.), 05 November, 1996 (05.11.96), Page 6, column 10, line 47 to page 7, column 12, line 50	1-19

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
24 August, 2004 (24.08.04)

Date of mailing of the international search report  
14 September, 2004 (14.09.04)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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PCT/JP2004/007334

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 07-336318 A (Kabushiki Kaisha NTT Tereka), 22 December, 1995 (22.12.95), Page 4, column 6, lines 12 to 47	1-19
Y	JP 2003-78858 A (Gen SASAKI), 14 March, 2003 (14.03.03), Page 5, column 8, line 39 to page 6, column 9, line 4; page 6, column 10, lines 14 to 29; Fig. 6	7-8, 17-19
Y	JP 2003-61065 A (Nippon Telegraph and Telephone East Corp.), 28 February, 2003 (28.02.03), Page 6, column 9, line 49 to column 10, line 8; page 8, column 13, lines 7 to 13; page 9, column 15, lines 2 to 13	7-8, 17-19
Y	JP 2002-366779 A (Yamaha Corp.), 20 December, 2002 (20.12.02), Page 5, column 7, line 23 to column 6, line 11; page 8, column 14, lines 24 to 31; Fig. 2	7-8, 17-19
Y	JP 2001-54090 A (Fujitsu Ltd.), 23 February, 2001 (23.02.01), Page 3, column 4, lines 8 to 15; page 7, column 11, line 30 to column 12, line 16	7-8, 17-19
E, A	JP 2004-229035 A (Sony Corp.), 12 August, 2004 (12.08.04), All pages	1-19
P, A	JP 2003-174636 A (Sony Corp.), 20 June, 2003 (20.06.03), All pages	1-19
A	JP 07-327221 A (Toshiba Corp.), 12 December, 1995 (12.12.95), Page 3, column 3, lines 32 to 36; page 5, column 7, line 31 to column 8, line 33	1-19

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/JP2004/007334

JP 2004-120089 A	2004.04.15	(Family: none)
JP 02-294183 A	1990.12.05	AU 2965189 A AU 630599 B DE 68919502 C FI 891324 A ZA 8808648 A NZ 226941 A NO 891289 A BR 8900771 A EP 335684 A3 US 5061797 A1 US 5245031 A1 US 5356548 A1 US 5424007 A1 MX 165634 B CA 1331987 A AT 114655 T ES 2064434 T GR 3015023 T JP 02-009880 A
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JP 07-336318 A	1995.12.22	(Family: none)
JP 2003-78858 A	2003.03.14	US 2003-46702 A1
JP 2003-61065 A	2003.02.28	(Family: none)
JP 2002-366779 A	2002.12.20	GB 2354094 A GB 2362486 A GB 2362487 A GB 2362488 A GB 2362737 A JP 2001-036423 A JP 2002-335507 A JP 2002-335508 A JP 2003-006096 A
JP 2001-54090 A	2001.02.23	(Family: none)
JP 2004-229035 A	2004.08.12	(Family: none)
JP 2003-174636 A	2003.06.20	(Family: none)
JP 07-327221 A	1995.12.12	(Family: none)